

ELKHART COUNTY: Key Data Points

- The total birth rate in Elkhart county (16.9) is higher than the state of Indiana overall (13.9)
- Elkhart county witnessed 28 infant deaths.
- A significantly lower percentage of women in the county are utilizing prenatal care during the first trimester of pregnancy compared to the state overall, 80.6% versus 64.6% respectively.
- More mothers are breastfeeding on discharge in Elkhart county compared to the state, 72.8% versus 63.2% respectively.
- Elkhart county observed 65 accidental deaths (25 of which were motor vehicle), 19 suicidal deaths, and 13 homicides

Note: All figures relate to 2003 data from the Indiana State Department of Health, unless otherwise specified

Figure 1. Births

	Total		White		Black		Other	
	Number	Crude Rate*	Number	Crude Rate*	Number	Crude Rate*	Number	Crude Rate*
Elkhart County	3,194	16.9	2,959	17	198	20.5	37	6.7
INDIANA	86,382	13.9	75,422	13.7	9,288	17.5	1,672	10.6

* births per 1,000 population; U = unstable rate, based on fewer than 20 births

Figure 2. Mortality

		NUMBER				RATE*		
COUNTY OF RESIDENCE	REPORTED RACE/ETHNICITY	Live Births	Infant Deaths (< 1 yr)	Neonatal Deaths (< 28 days)	Post Neonatal Deaths (28-364 days)	Infant Deaths (< 1 yr)	Neonatal Deaths (< 28 days)	Post Neonatal Deaths (28-364 days)
ELKHART	All Races	3,194	28	17	11	8.8	**	**
	White	2,959	20	14	6	6.8	**	**
	Black	198	7	3	4	**	**	**
	Other	37	1	0	1	**	0	**
	Hispanic	676	3	2	1	**	**	**
INDIANA	All Races	86,382	641	417	224	7.4	4.8	2.6
	White	75,422	479	309	170	6.4	4.1	2.3
	Black	9,288	148	98	50	15.9	10.6	5.4
	Other	1,672	14	10	4	**	**	**
	Hispanic	6,763	38	22	16	5.6	3.3	**

*rate per 1,000 live births **Numerator is less than 20 and the rate is unstable

Figure 3. Outcome Indicators of Mother, by Race

		Birth Weight				During Pregnancy		
ELKHART COUNTY	Total Births	% Low (< 2500 grams)	% Very Low (< 1500 grams)	% Preterm †	% PNC 1st Trimester ‡	% Alcohol	% Smoked	% Unmarried Parents
All Races	3,194	6.6	1.3	8.5	64.6(S)	0.2	16.1(S)	37.8
White	2,959	6.3	1.3	8.2	65.5(S)	0.2	15.8(S)	34.9
Black	198	11.6	2.5	13.6	50(S)	0	21.7	83.8

		Birth Weight				During Pregnancy		
INDIANA	Total Births	% Low (< 2500 grams)	% Very Low (< 1500 grams)	% Preterm †	% PNC 1st Trimester ‡	% Alcohol	% Smoked	% Unmarried Parents
All Races	86,382	7.9	1.4	9.9	80.6	0.6	18.5	37.1
White	75,422	7.2	1.2	9.5	82.1	0.6	19.1	32.6
Black	9,288	13.3	3.3	13.3	68.2	1.1	15.2	76.3

† Preterm: less than 37 weeks gestation

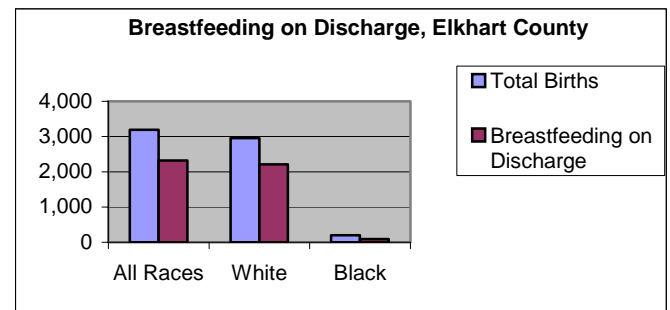
‡ PNC: Prenatal Care

'S' Significantly different than the state percent

*** Outcomes for this county are suppressed due to 20 or fewer total births

Figure 4. Breastfeeding

Elkhart COUNTY	All Races	White	Black
Total Births	3,194	2,959	198
Breastfeeding on Discharge	2,326	2,209	93
% Breastfeeding on Discharge	72.8	74.7	47.0



INDIANA	<i>All Races</i>	<i>White</i>	<i>Black</i>
Total Births	86,382	75,422	9,288
Breastfeeding on Discharge	54,636	49,385	3,959
% Breastfeeding on Discharge	63.2	65.5	42.6

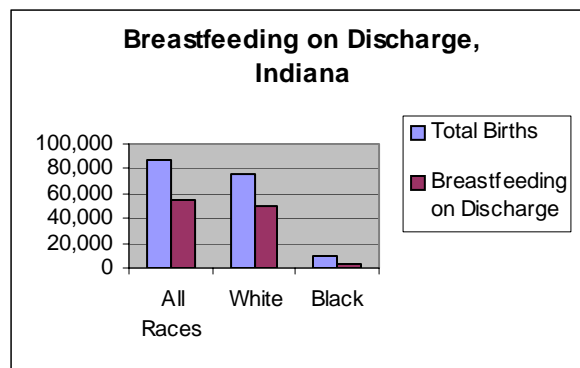


Figure 5. HIV/AIDS

	Total # of AIDS cases reported since 1982*	Total # of HIV cases reported since 1985*
ELKHART COUNTY	131	61
INDIANA	7,641	3,856

*numbers current through June 2005

Figure 6. Nutritional Risk Factors by Status,
Indiana WIC Clinics, Quarter Ending 09/30/2004

Local Agency: Elkhart County Health Department Counties Included: Elkhart							
Risk Factor or Status	Children 1-5 years of Age					Total	% within Agency
	White	Black	Hispanic	Asian	Other		
Overweight	39	12	76	1	2	130	5.0%
At Risk for becoming Overweight	38	9	61	1	5	114	4.3%
Local Agency: State Wide Counties Included: All							
Risk Factor or Status	Children 1-5 years of Age					Total	% within Agency
	White	Black	Hispanic	Asian	Other		
Overweight	1,732	445	800	12	97	3,086	4.8%
At Risk for becoming Overweight	2,023	485	639	11	124	3,282	5.1%

Priority Issues (Elkhart & Indiana)			
Demographics: Percentage of population enrolled in Medicaid, Percentage of population enrolled in Food Stamps		Elkhart	Indiana
2	% of Population enrolled in Medicaid as of June 2003	12.8	12.4
3	% of Population in Food Stamps Program, 2004	7.6	8.6
Priority #1 (pregnancy outcomes): Average Infant Mortality Rate, Average Fetal death Rate		Elkhart	Indiana
1	Av Total Infant Death Rate (1993-2002)	7.7	8.1
2	Average Fetal Death Rate (1994-2003)	7.6	6.7
Priority #2 (reduce barriers): Health Professional Shortage Areas, Percentage of women with prenatal care in first trimester		Elkhart	Indiana
1	Scores for Primary Care Health Professional Shortage Areas (HPSAs) (2005)	10	NA
2	% PNC 1st Trimester, 2003	64.6	80.6
Priority #4 (environmental): prevalence of asthma, Childhood lead poisoning		Elkhart	Indiana
1	Prevalence of Asthma in a Medicaid Cohort of Children age 0-17 years, 2003	5.8	10.4
2	% Estimated Lead Blood Levels (%EBLL) for Children under 6 years old FY 2004-2005	3.1	2.1
Priority #5 (tobacco): Percentage of mothers who smoked during pregnancy, Percentage of Adult Smoking		Elkhart	Indiana
1	% of mothers Smoked During Pregnancy, 2003	16.1	18.5
2	% of Adult Smoking in 2003	30.1	29.3
Priority #7 (adolescent risk behaviors): Adolescent deaths due to motor vehicle accidents, Chlamydia rates (ages 15-24)		Elkhart	Indiana
1	Number of Adolescent (15-24) deaths due to Motor vehicle accidents (2001-2003)	36	748
2	Chlamydia rates per 100,000 county specific population (15-24yrs of Age)	1733.9	1541.49
Priority #8 (obesity): Obesity in pregnant women		Elkhart	Indiana
1	Number of Obese Pregnant Women In Indiana, 2003	158	2,496
Priority #9 (domestic violence, childhood injury): Child deaths due to Injury, Child abuse and neglect rates		Elkhart	Indiana
1	Child deaths due to Injury 1-14yrs (2001-2003)	7	257
2	Child Abuse and Neglect per 1,000 Population under age 18, 2004	7.7	13.5
Priority #10 (To improve racial and ethnic disparities in women of childbearing age, mothers, and children's health outcomes): Percentage of Hispanic Population of any Race, LBW Disparity Ratio		Elkhart	Indiana
1	% of Hispanic Population of any Race, July,1,2004	11.9	4.3
2	Low Birth Weight Disparity Ratio (B/W) (1993-2002)	2.11	1.92
Source: Data Analysis Team, ISDH. Notes: 1. NS= Not Stable 2. NA = Not Available 3. Infant Mortality rate and Fetal Death rate is for 1000 live births. 4. Low Birth Weight: Birth Weight Less than 2,500grams. 5. HPSA Score ranges 1 – 25.			

The higher the score, the higher the need. 6. EBLL: Ten (10) micrograms of lead per deciliter of whole blood for one venous test; %EBLL is based on screening rate of 27% Statewide, unduplicated kids 7. Obesity in Pregnant Women determined by "Concurrent Illness Obesity" checkbox on the birth certificate 8. PNC percentages are calculated using total births in each county.

Note: The following priorities have been identified for Elkhart County:

- **Priority # 2:** To reduce barriers to access to health care, mental health care and dental care for pregnant women, infants, children, children with special health care needs, adolescents, women and families.
- **Priority # 4:** To reduce morbidity and mortality rates from environmentally related health conditions including asthma, lead poisoning and birth defects.
- **Priority # 7:** To reduce risk behaviors in adolescents including unintentional injuries and violence, tobacco use, alcohol and other drug use, risky sexual behavior including teen pregnancy, unhealthy dietary behaviors and physical inactivity.
- **Priority # 8:** To reduce obesity in Indiana.
- **Priority # 9:** To reduce the rates of domestic violence to women and children, child abuse and childhood injury in Indiana.
- **Priority # 10:** To improve racial and ethnic disparities in women of childbearing age, mothers, and children's health outcomes.